

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of extracting ~~oil from an oil-bearing substrate~~ component selected from oils, pigments, pharmacologically active ingredients and resins from a substance bearing the component, comprising:

- (a) contacting the substrate with a solvent comprising iodotrifluoromethane and, optionally, one or more co-solvents to form a solution of the ~~oil~~component in the solvent;
- (b) separating the solution from the substrate; and
- (c) removing the solvent from the solution to provide the desired ~~oil~~component.

2. (Original) A method as claimed in claim 1 further comprising contacting the solvent with the substrate in a first vessel and separating the resulting solution from the substrate by transferring the solution to a second vessel while retaining the extracted substrate in the first vessel.

3. (Currently Amended) A method as claimed in claim 2 wherein the first and second vessels are each sealable and each include an openable and closeable valve, the method further comprising the steps of:

- (i) connecting the vessels together to provide a flow path between the vessels via said valves; and
- (ii) causing the solution to flow from the first vessel to the second vessel.

4. (Previously Presented) A method as claimed in claim 2 further comprising the step of applying heat to heat the solvent in the first vessel.

5. (Previously Presented) A method as claimed in claim 2, further comprising the step of cooling the solution in the second vessel.

6. (Currently Amended) A method as claimed in claim 1 including ~~the~~an additional step, after step (a), of adding one or more further solvents to the solution of ~~oil~~the component in the solvent comprising iodotrifluoromethane so as to reduce the ~~range and/or quantity~~spectrum of solutes dissolved.

7. (Original) A method according to claim 6 wherein the further solvent is selected from 1,1,1,2-tetrafluoroethane and 1,1,1,2,2,3,4,5,5,5-decafluoropentane.

8. (Currently Amended) A method of extracting ~~oil from an oil-bearing substrate~~a component selected from oils, pigments, pharmacologically active ingredients and resins from a substrate bearing the component, comprising:

(a) providing an apparatus comprising first and second sealable vessels, the first vessel including means for retaining said substrate in the vessel, each vessel having an inlet and an outlet and being so connected as to provide a fluid flow circuit only in the direction from the outlet of the first vessel to the inlet of the second vessel and from the outlet of the second vessel to the inlet of the first vessel;

(b) charging the ~~oil-bearing substrate~~bearing the component into the first vessel;

(c) charging the apparatus with a solvent comprising iodotrifluoromethane and, optionally, one or more co-solvents so that the solvent contacts the substrate and forms a solution of the ~~oil~~component in the solvent;

(d) causing said solution to flow in said fluid flow circuit from the first vessel to the second vessel; and

(e) separating the solvent from the ~~oil~~component in the second vessel and recovering the ~~oil~~component.

9. (Original) A method as claimed in claim 8 further comprising the step of applying heat to the solvent in the first vessel, or adjacent the inlet of the first vessel.

10. (Previously Presented) A method as claimed in claim 8 further comprising the step of cooling the contents of the second vessel.

11. (Previously Presented) A method as claimed in claim 8 further comprising recovering the separated solvent for use in further extractions.

12. (Previously Presented) A method as claimed in claims 1 or 8 wherein the optional co-solvent is selected from 1,1,1,2-tetrafluoroethane and 1,1,1,2,2,3,4,5,5,5-decafluoropentane.

13. (Currently Amended) A method according to claim 8 including ~~the an~~ additional step, after step (c), of adding one or more further solvents to the solution of ~~oil the~~ component in the solvent comprising iodotrifluoromethane so as to reduce the ~~range and/or~~ quantity spectrum of solutes dissolved.

14. (Original) A method according to claim 13 wherein the further solvent is selected from 1,1,1,2-tetrafluoroethane and 1,1,1,2,2,3,4,5,5,5-decafluoropentane.

15. (Currently Amended) An apparatus for the extraction of ~~oil from an oil~~ bearing substrate a component selected from oils, pigments, pharmacologically active ingredients and resins from a substrate bearing the component, comprising first and second vessels, connecting means providing fluid communication between the vessels, at least one closable valve operable to prevent fluid communication between the vessels, the first vessel being adapted to receive the ~~oil bearing substrate~~ bearing the component and including means for retaining the substrate in the first vessel, and, a solvent provided in the first vessel comprising

iodotrifluoromethane and, optionally, at least one co-solvent, which solvent may be transferred between the first and second vessels via the or each closable valve.

16. (Original) An apparatus as claimed in claim 15 wherein each vessel comprises an inlet and an outlet, the outlet of the first-vessel is connected by first connecting means to the inlet of the second vessel, the outlet of the second vessel is connected by second connecting means to the inlet of the first vessel, the first and second connecting means include at least one said closable valve, and each closable valve is a one-way valve permitting fluid flow in one direction only, the valves being arranged to provide a fluid flow circuit such that the solvent may flow around the circuit in one direction only.

17. (Original) An apparatus as claimed in claim 16 wherein one closable one-way valve is provided at each respective inlet and each respective outlet of the first and second vessels.

18. (Previously Presented) An apparatus as claimed in claim 16 including heating means for heating the solvent in the first vessel or adjacent inlet of the first vessel.

19. (Previously Presented) An apparatus as claimed in claim 16 including cooling means for cooling the contents of the second vessel.

20. (Previously Presented) An apparatus as claimed in claim 15 further comprising a reservoir of solvent operatively connectable to the fluid flow circuit.

21. (Currently Amended) Apparatus as claimed in claim 15 further comprising means for withdrawing, from the second vessel or from the connecting means adjacent the second vessel, ~~oil~~ the component which has separated from the solvent.

22. (Original) A method of extracting oil from an oil bearing substrate comprising the steps of:

- (i) contacting the substrate with a solvent comprising iodotrifluoromethane and, optionally, one or more solvents thereby to dissolve the oil in the solvent; and
- (ii) causing the oil to separate from the solvent to form immiscible liquid layers of oil and solvent.

23. (Original) A method as claimed in claim 22 wherein step (ii) involves cooling the solution of oil in the solvent.

24. (Previously Presented) A method as claimed in claim 22 wherein step (i) includes heating the solvent.

25. (Currently Amended) A method according to claim 22 including ~~the an~~ additional step, after step (i), of adding one or more further solvents to the solution of oil in the solvent comprising iodotrifluoromethane so as to reduce the ~~range and/or quantity~~ spectrum of solutes dissolved.

26. (Original) A method according to claim 25 wherein the further solvent is selected from 1,1,1,2-tetrafluoroethane and 1,1,1,2,2,3,4,5,5,5-decafluoropentane.

27. (Currently Amended) A method of extracting ~~oil from an oil bearing substrate~~ a component selected from oils, pigments, pharmacological active ingredients and resins from a substrate bearing the component, comprising the steps of:

- (i) contacting the substrate with a solvent comprising iodotrifluoromethane and, optionally, one or more co-solvents, thereby to dissolve the ~~oil~~ component in the solvent; and
- (ii) allowing the solvent to evaporate at ambient or sub-ambient temperatures.

28. (Original) A method as claimed in claim 27 further comprising recovering the evaporated solvent and compressing the solvent to re-liquify it.

29. (Currently Amended) A method according to claim 27 including ~~the-an~~ additional step, after step (i), of adding one or more further solvents to the solution of ~~oil-the~~ component in the solvent comprising iodotrifluoromethane so as to reduce the ~~range-and/or~~ quantity~~spectrum~~ of solutes dissolved.

30. (Original) A method according to claim 29 wherein wherein the further solvent is selected from 1,1,1,2-tetrafluoroethane and 1,1,1,2,2,3,4,5,5,5-decafluoropentane.

31. (Currently Amended) ~~Use of iodotrifluoromethane for the extraction of oil from an oil-bearing substrate.~~ A method of extracting a component selected from oils, pigments, pharmacologically active ingredients and resins from a substrate bearing the component comprising using iodotrifluoromethane as a solvent for extraction.

32-36. (Canceled)

37. (Currently Amended) ~~An oil~~ A component selected from oils, pigments, pharmacologically active ingredients and resins obtainable by, or when obtained by, the method of claims 1, 8, 22 or 27.

38. (Previously Presented) A vegetable oil for use in foodstuffs obtainable by, or when obtained by, the method of any of claims 1, 8, 22 or 27 and containing substantially no residue of solvent, especially iodotrifluoromethane.